

Reading Standards for Literacy in Science and Technical Subjects 6–12

Grades 6–8 students:

Grades 9–10 students:

Key Ideas and Details

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| 1. Cite specific textual evidence to support analysis of science and technical texts. | 1. Cite specific textual evidence to support analysis of science and technical texts, attending to the precise details of explanations or descriptions. |
| 2. Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions. | 2. Determine the central ideas or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text. |
| 3. Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks. | 3. Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks attending to special cases or exceptions defined in the text. |

Craft and Structure

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| 4. Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 6–8 texts and topics. | 4. Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9–10 texts and topics. |
| 5. Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic. | 5. Analyze the structure of the relationships among concepts in a text, including relationships among key terms (e.g., force, friction, reaction force, energy). |